

Rival Student Cheer Groups Storm Eskie-Land Tomorrow

Some 1,500 student fans will storm Edmonton's Clarke Stadium tomorrow night when the Calgary Stampeders and the Edmonton Eskimos clash for third place in Canada's western football league.

The last Varsity Football Night to be held in Edmonton will be highlighted by one of the more crucial games of the year. Eskimos, with a record of five wins and a tie, are one point ahead of Calgary's Stampeders, who have won five games in 1958. If Calgary wins, they will vault over the Eks into third place.

The two Alberta teams have been traditional rivals since Edmonton entered the old Western Interprovincial Football Union in 1949. Recently, games between the two squads have been won handily by the plugging and powerful Edmontonians.

This year, however, the Eskimo halo has slipped; they are mere contenders again. The Stampeders, with a rock-strong line and top rate ends, have shown flashes of brilliance; they too are contenders again.

The onus is squarely on the southern squad. As in 1957, the Stampeders roared to a great start, faltered, and finally were able to beat no one but the last place Vancouver Lions.

Football experts do not think the Stampeders are that bad. They feel the Calgarians, rated the best defensive team in western football, are still possible contenders.

Edmonton, is far from an uninteresting team. They still have the basic backfield which won the Grey Cup three years in a row, and they are experimenting with new plays under a new coach.

The varsity fans will load into special busses outside SUB at 7:30 pm. They will arrive at the Stadium en masse, and spill on to the football field in a traditional game-opening

snake dance. After this parade, they will weave to their seats in the north and north-west sections of Clarke Stadium.

Half time entertainment will be provided by student runners from Alberta and other universities, who will take a mass crack at the Alberta mile record. Traditionally, half time is reserved for a inter-faculty float contest.

One non-football feature of Saturday's game will be the performance of 26 cheerleaders from Calgary. These Stampettes and Quarterbackettes were a big hit with the college crowd last year.



Roma Standefer, arts 1, and Lorna Honnackko, ed. 4, are shown being enticed to Varsity Football Night, by the Golden Bear Clowns. The Teddy Bears were rehearsing routines for Football Night.

Photo By: Dick Bide

Editors Lose Jobs In Quebec Fiasco

Three Canadian student editors have been fired from their posts and barred from their universities for publishing their opinions concerning the Duplessis government and the Quebec student's crisis.

A fourth editor is "on trial"—if he does not toe the line he will also lose his job.

Jean David and Normand Lacharite, co-editors of the University of Ottawa's La Rotonde, and the editor of the University of Montreal's Quartier Latin were relieved of their duties.

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Wildcat Quebec Students' League Wrangles Interview With Duplessis

Montreal (CUP) — Quebec Premier Maurice Duplessis, who this spring ignored interview requests from an official student organization, has granted an audience with a wildcat student group, waving the same brief.

The Quebec Association of Universities, an informal federation of the elected presidents of Quebec's six universities charged that the recognized group, the University Action League, is in collusion with the premier.

The League sprang into being shortly after the failure of the Association to see the premier. With a prepared brief outlining the financial problems of the universities, the Association

tried for eight months to see the Quebec leader.

Refusal touched off a one-day boycott of classes in five of the province's six universities.

Three university of Montreal students went to Quebec City to protest in person.

For eight weeks they tried to see the premier, calling at his office every morning. He called them "ill-mannered children".

The League brief, closely following the Association manifesto, did not mention statutory grants—recommended by the elected student leaders.

Regarding the granted interview, Association members point out that the League was closely linked with Duplessis' Union Nationale. They charged that the brother of one cabinet minister, the brother-in-law of another minister, and the Union Nationale organizer in Bagot were among League members. League

president Camille Moreau, they charged, was a Duplessis-party organizer and also a regional president of Jeunesse de l'Union Nationale, a youth party group.

Reports now indicate the League is trying to solidify their position on campuses across Quebec.

In August there were only 80 League members, 50 of them from the University of Montreal.

The Association charged the League was in no way representative of the student bodies, and had no right to meet on Quebec students' behalf.

The League at no time claimed to be elected student representatives. They identified themselves as a "social club" trying to help students.

The League charter does not align members to any political party. That many of their members are connected with Duplessis' Union Nationale is "not important", they said.

Said McGill Student Union president Nick Asimakopulos: "We may quite readily infer a singular sympathy between Union Nationale and the University Action League."

The Duplessis-League interview was the last straw for many Association members.

Their battle to try to solve the universities' problems has been an uphill struggle. Duplessis took more than a month to answer their requests for an interview. He said he would study the brief.

He would not have time to grant the interview, however, because of "parliamentary duties" and the heavy duties "in the administration of our immense province."

Two weeks after the League sent their brief, they were granted their interview.

Association members "astonished" at the interview, predicted some concessions would be granted by Duplessis. Granting the League's fewer requests would allow Duplessis "to take the easy way out", they said.

His action in asking the League to Quebec was "bowing to public opinion to give help to universities."

What the League's plans to expand may mean, is not known. One source said they were trying to set up branches on every campus.

It is also believed League members may try to set up a student paper. The existing papers in the province are not favorable to Duplessis.

Emphasis On Student Benefits Primary Aim Of WUS Week

World University Week, October 20-25 will emphasize the benefits WUS provides to students of other countries—both on campus and on a world scale.

Mr. Lewis Perinban, national chairman of WUS, will be guest speaker at the group's meeting this week. As national chairman he will explain the different uses of finances raised by WUS this year. He will be guest speaker at the main function of the week, International Night, Thursday.

The society expects the fund raising campaign which follows education week will be recognized as a drive to gather funds for foreign student aid. These funds are not used for a summer seminar spent in Europe.

Information will be given on three principal topics. The overseas work

will be explained, showing how aid is distributed to students in other lands. A complete report will be given concerning the scholarships WUS provides; and the use of its finances will be explained.

Films on education throughout the world will be shown. These films will show the reason for the financial campaign.

International night will be held October 23. Interviews will be arranged with foreign students. During the evening, an account of last summer's seminar in Yugoslavia will be given. This will provide the students with an opportunity to meet the foreign students and learn something of their interesting backgrounds.

A definite charter was drawn up at the meeting of the National Assembly of WUS at UBC, October 10-13. The policy of the organization was laid down making its actions more consistent from year to year.

Western Times Return When Braves Beat Drums On J-Day

Midst the beat of tom toms, and the peculiar odor of Indian buckskins, some 20 braves from Hobbema Reserve will dance in the dusk of Student Jubilee Day, October 29.

The Indians are being imported from Hobbema by Students' Council, to add color to the Jubilee Day celebrations. Council has paid \$300 for this color.

An entire section of the Hobbema reserve—squaws, braves and "pretty young girls"—will motor up from their central Alberta reservation. The Jubilee Day planning committee has not decided whether it will bring the braves to campus for the entire day, or save them for a dusk performance.

The actual dancing is expected to take roughly one half, to three quarters of an hour. Special tribal ceremonies, including a large-scale fire dance, will be featured.

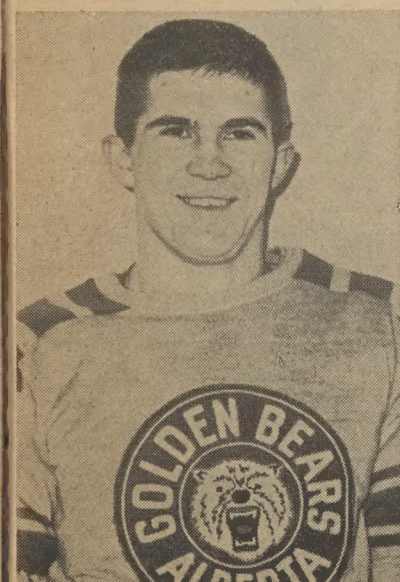
The steering committee is dickering for space in the parking lot of the Jubilee Auditorium, for the Indians' fire. These performances are particularly effective in the flickering light of a wood blaze.

Besides adding pioneer color to the celebration of this university's 50th anniversary, the Indian dancing will round out the giant Student Jubilee Day extravaganza. Dancing will begin shortly after the student barbecue, and should be completed before 7 pm. Wednesday.

Other events scheduled for the giant student celebration include log-rolling and other dangerous flirtations over a large water-filled tank, and gruelling student-powered ox-cart races. Premier E. C. Manning will lay the cornerstone of U of A's long-pending Jubilee gymnasium Wednesday afternoon.

The 20 Indians have been practicing their tribal gymnastics since they were originally contacted in the summer. They have appeared at some of the better summer rodeos in Alberta.

Our Bears Go Esk On Saturday . . .



Mike Lashuk



Oscar Kruger

Essay Contest Won By Alberta Varsity Student

Lawrence Patrick Burns, a fourth year student at the University of Alberta, was chosen national winner of \$1,000 in scholarships in the University division of the "Career Forecast" Essay Competitions.

A native of Leduc, his essay on his proposed career as a professor of history won him a \$500 regional award, and an additional \$500 when his essay was selected as the best among regional finalists by a national panel of judges.

Students from 370 communities across Canada entered the contest, sponsored by the New York Life Insurance Company to mark its centennial.

Club Announcements

McGoun Cup debating trials will be held Wednesday, October 15, 7 pm., in ag 241. All interested please contact John Decore at the Law library for topic.

VCF Book Exchange will re-open on Saturday, October 18 from 2 to 4 pm. in arts 139 to allow students to claim books and money not picked up before closing date.

LSA will meet Friday at 8 pm. in the Wauneita lounge. Dr. Johns, Vice-president of the University of Alberta, will speak. His topic will be "Make Up Your Mind".

The Edmonton Women's Musical

Club: in co-operation with the Department of Fine Arts, University of Alberta, will present Doreen Stanton as guest artist at the first concert of the season on Friday at 8:30 pm. in Convocation hall. Tickets available at the door.

Concerts: of recorded music are being held daily from 12:30 p.m. to 1:20 pm. in the music listening room on the third floor of the Rutherford library.

Ballet Club: meeting, Tuesday at 7 pm. in Athabasca gym.

Official Notices

Frosh Yearbook Pix: All frosh who failed to have yearbook photos taken

must appear at the Geortz studio on the top floor of SUB in the time schedule for their faculty.

STUDENT EMPLOYMENT SERVICE

The time table for students registration is as follows:

School of Commerce: Monday, October 6.

Faculty of Arts and Science: Tuesday, October 7, Wednesday, October 8, Thursday, October 9.

Social Section

University Military Mixer will be held in the Drill hall Friday, October 17, 9 pm. to 1 am. Music by the Lord Strathcona Horse band. Shoe dance—sports jackets and ties are

in order. Admission free.

Lost And Found

Lost, on campus, light tan brief case containing a set of instruments, two scales, slide rule and three texts. Finder please phone 885415.

Lost, gold ring with three small pearls in Ladies' washroom of SUB. Reward offered. Finder please contact owner at 776354, or turn in at The Gateway office.

Lost, Hughes Owens log-log slide rule and clipboard with Soils lab manual and notes. Finder please contact Blaire Bowsfield at 334175, or 11138-81 Ave.

Lost, in Education gym, a beige leather wallet with black lacing, snap closing. Valued for photos and cards. Finder please contact Sharon Chrystal, 245 Pembina hall.

Personal

Would any persons witnessing a hit and run accident on 89 Avenue in front of St. Stephen's parking lot, involving a green station wagon and a parked white and green 1956 Chev coach, on Saturday, October 4 approximately 11:40 am., please contact Albert Kirdeikis at 553506. Urgent.

Coming--"GG"

The Wauneita Society will present its annual formal on October 18, from 9 to 12 pm. in the University gymnasium. The theme, Golden Gala, is to be in keeping with the Golden Jubilee of the university.

Tickets, which are \$2.50 per couple, will be on sale in the SUB rotunda October 15, 16, and 17 from 11:30 am. to 1:30 pm. and from 4 pm. to 5:30 pm. Boutonnieres for the escorts will be supplied by Wauneita. Music will be provided by Frank McLeavy and his orchestra.

The receiving line will include patronesses Mrs. E. P. Gowan, honorary president of Wauneita; Mrs. Andrew Stewart, wife of the president; Mrs. Ryan, wife of the provost; Miss M. Simpson, dean of women; Ruth Buchanan, president of the Wauneita Society and Joyce Aylen, vice-president of the Students' Union.

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- studying latest developments in protective coatings—testing and utilizing promising new products

Challenging job opportunities also exist for mechanical engineers, chemistry graduates, electrical engineers and engineering physics graduates—as discussed in other ads of this series.

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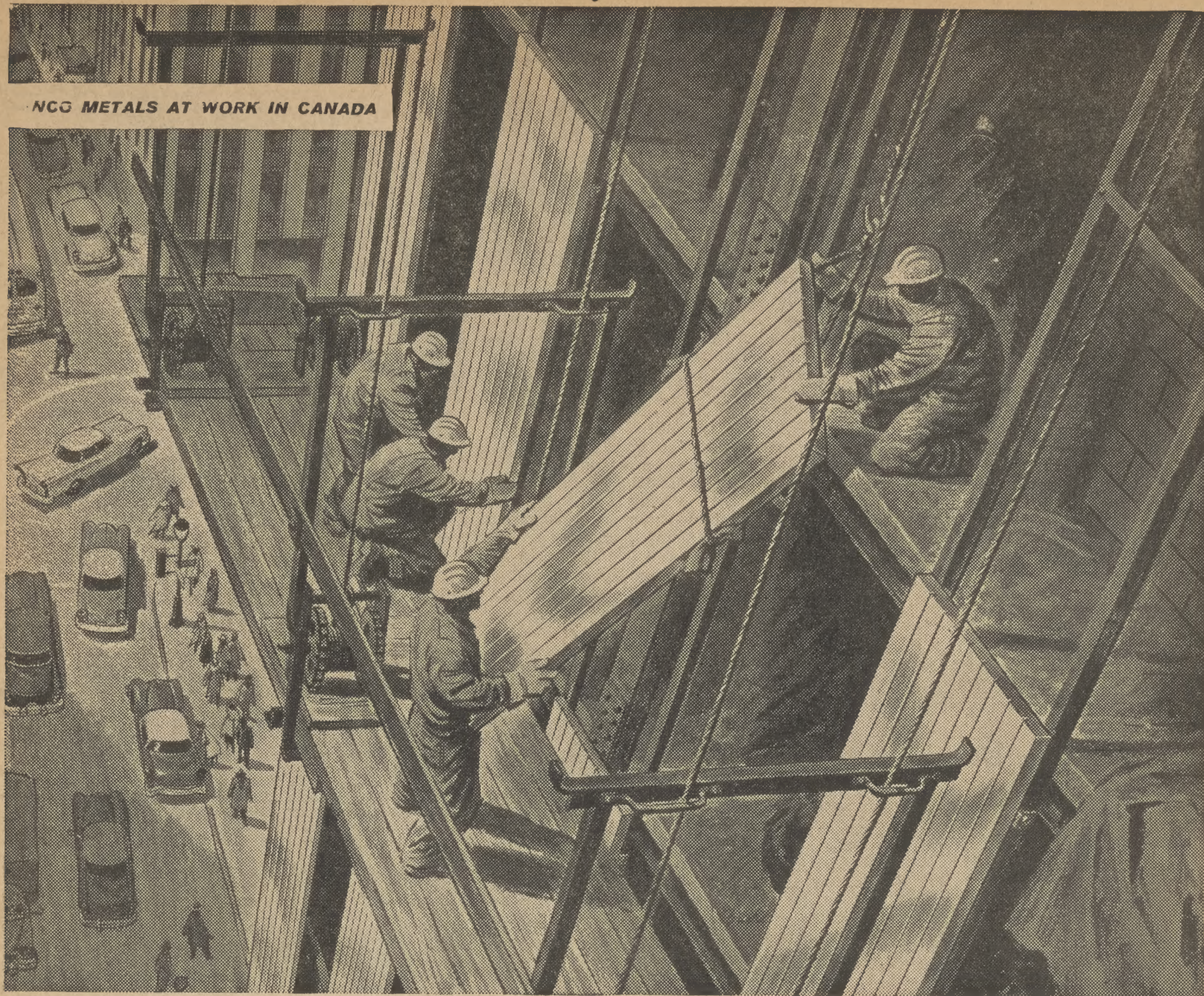
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Inco has recently published a colourful and beautifully illustrated 32-page booklet about Canada's important nickel industry, entitled "The Exciting Story of Nickel". It is written primarily for Canadian youth by Alan King, but adults will also find it full of interesting information. Just write to Inco for a free copy of this booklet.



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Candy Is Dandy, But Liquor Is Quicker---

Prohibition may come to fraternity rushing this fall. The Interfraternity Council will be discussing the pros and cons of "dry rushing", or, more exactly, the advisability of member fraternities discontinuing the practice of serving liquor at their rushing functions. The IFC is concerned with the problem, and will discuss it intelligently, however there is a danger that the old truism of the "glad lad" will cause some members to oppose the move toward "dry rushing."

"But liquor is quicker."

There can be no doubt that good fellowship—the keynote of rushing parties—is promoted when liquor is used at these functions. Actives do not have to exert themselves to appear congenial, and the rushee has the comfort of the alcoholic illusion. Liquor provides an easy congeniality. It is an easy way out.

"So we at Alberta are to be martyred fraternities of North America."

The University of Alberta has always been more lax in its enforcement of the liquor regulations than many Universities. "The attention of the student is drawn to the regulation in the university calendar regarding the use of liquor on the campus," states the rule. Attention was drawn, discipline has been left to the student.

A nationwide trend in the United States is toward the improvement of fraternity public relations through the amendment of rushing procedures. The College Fraternity Secretaries' Association—a nation-wide, multi-fraternity body—is concerned with the problem. In their September 22nd letter which was sent to the Deans of Men, Fraternity Advisors, and Interfraternity Council presidents, they state:

"Many deans and IFC presidents approved and adopted the policy on rushing suggested last fall by the College Fraternity Secretaries Association."

Point number one on this program is that: "the use of alcoholic beverages be avoided in rushing."

"The police have never bothered us before, and show no inclination to start now."

Liquor laws are becoming more liberal in Alberta, with the attendant result that they are easier to enforce. Party permits are being issued in a new way this year. The party convenor who signs the permit will state over his notarized signature, approximately how many

people over 21 years of age, and how many under 21 will attend the function. The quantity of liquor permitted will be computed on the basis of the numbers of legal consumers. If over half the party is under the age of 21, it is possible that no permit will be granted to the sponsoring body. Violation of the clauses in the permit could result in the blacklisting by the Liquor Control Board of the offending organization for the period of a year; it could also result in legal action being taken against the convenor of the party in question.

"So rushees are too young, and we get a small fine."

Penalties have never been oppressive; they may get more rigid soon. Under new legislation, conviction for supplying liquor to a minor carries an automatic thirty-day jail sentence, without option of fine. Thus it becomes a criminal offence. It is difficult, almost impossible, for a person with a criminal record to become a member of many professional associations such as The Canadian Bar Association. It would be a heavy penalty indeed if a Med student or a Law student, convicted under this law in his second or third year, were to find that he would be unable to practice his profession.

"You are a prohibitionist, a radical, and an anti-fraternity crank!"

We are interested in the "dry rushing" proposal only insofar as it affects the students and the public relations of this University. Fraternities seem to take the attitude that it is by the grace of their magnanimity that their members participate in campus activities. Hence they feel that whatever they do—having little connection with the affairs of the U of A—is their own affair. The truth is that the fraternities cull their entire membership from the campus. When, after the culling process, a rushee pledges, except in exceptional circumstances, what occurs in the privacy of the chapter house is his own business and that of the fraternity. As rushees, they do come under the jurisdiction of the University, and in many cases the University has to accept the unfortunate consequences of unwise, not to mention illegal rushing practices.

"Liquor is still quicker."

It is. It quickens a false desire to join, hastens the retreat of sensitive rushees, speeds the ire of parents, adds impetus to police action, causes the hot blood of anger to rush to the heads of fraternity house neighbours and abused hotel and club owners, motivates phone calls to the administration and avalanches bad public opinion down on fraternities and the University.

Yes, liquor is quicker. Just ask the underground members of fraternities at Universities where official recognition of fraternal organizations has been withdrawn.

Call A Spade---

Wide-open social dancing is featured on the campus every year at this time.

The question of sock versus shoe dances aside, the informal club dances that are held on Friday and Saturday nights are good things except for one small point.

From every nook and cranny on the campus we are intimidated by colorful signs proclaiming the existence of a dance with a vile alliterative name.

On one short tour of SUB we have been beckoned to the Pumpkin's Prance, the Therapeutic, Thump! Dance? (obviously in honor of St. Vitas' Day) and lastly Wauneita's wistful Golden Gala.

Only the Education Undergraduate Society—paradoxically enough—has the good taste to include the word "dance" in their signs. They bill their dance the Pogo Dance. This is still not good enough.

We plead with all social convenors on the campus who have not as yet held their dance. Would someone seriously consider holding a plain, old-fashioned Dance; and call it "Dance".



Lou Gets A Letter

My Dear Lou:

Because you are keeping your ear to the campus pulse, I am taking the liberty of supposing that you are in the know about how I am released from you-know-where, and am now "confined" in engineering at U of A.

Being as to how I am particularly interested in the political machine, and also because I am desiring to see how old Honolulu Lou is running his new mob, I am accepting your kind invitation and attending "Frosh Nite at Council" the other day.

I am noticing that your Council is neither with it, nor for it—they are beat man, and you are knowing this as well as I. This is probably a good thing, as you are not being in possession of the indisposible time necessary to stroking some life into them with a brass doorknob as was your wont when you were masterminding the Eskimo Kids.

Indians you are not knowing the slightest whit about the handling of. Three hundred skins to watch them cats rumble. If you had of showed the common intelligence of conferring with the likes of me, I could, for the price of one phone call to Iggy, over to the wholesale grocers, procured for fifty bucks enough of that artificial eau de vie—lemon flavor—to keep them bucks bopping till neverwas.

This all being not here nor the otherplace, I will approach my

summum bonum. You are at this meeting wholesomely endorsing this beard jag. I, being dedicated to my own rehabitude after you-know-where am anxiously pursuing the grail of college boyhood and ivy-league. So I am saying to myself, "Lou is feeling of the spirit, he is decreeing that all big cats will fuzz themselves. I too, braving the ire of Elvira, (she waited for me) will raise me a beaver."

But now, after one week, never the shadow of suspicion of a slightest shade am I seeing on your noble jowls.

This I do not like.

It is you, Lou, who should be setting the pace. As for me, Lou, I am worried about you. I am hoping that it is nothing organically detrimmenting you from your duty, although after your wound in that rumble with the West End Tigers, it could be so.

Knowing you as I am proud to say I do, I am being sure that some tyrannous hand is staying your beard and quickening your razor. Someone in a place more high than yours is detaining you from the doing of your duty. I could help, Lou, I am willing to rumble with this cat albeit whoever.

All I want to know, Lou; is someone bugging you?

Here's hoping,
Coconut Eddie.

the hospital

by HERACLITUS

The other day I read an article in the paper, whose title was "Will Doms Aging Horse but Village Has Own Idea". Hurrah for the village of Claverton! Down with all selfish old crackpots who will that their horses be destroyed when they die.

It is wonderful to live in this century of the SPCA, of broad-mindedness and tolerance, when any schoolteacher or educational television movie will tell you that "it is an established fact that man is descended from the apes" without fear of reprisal from reactionary religious groups (or even scientists who know that it is not an "established fact"); when any of our most learned and patriotic psychologists will tell you, free of charge, that man is an animal, just like any other animal—and above all, when a whole village will rise as one man against the insane caprice of a dead animal named Kenneth MacDonald (who, in his last will and testament, had desired that his old horse Bracken be shot rather than "end its days in a

knacker's yard") and hide poor Bracken whenever the lawyer and executioners appear.

Indeed, it is time that we saw more justice done on human beings who injure animals. A notable example of the kind of justice I mean took place recently in Pary, South Africa, where a Mrs. Miral de Wet was found guilty of killing a Negro woman by shooting her in the stomach, fined £50, and warned to be more careful of firearms in the future. You may think that the sentence was unnecessarily severe, especially in view of the fact that the African servant was "insolent"; but I insist that this sort of justice should be done more often.

To return to the villagers of Claverton; indeed, they cannot be praised too much for their daring defiance of the old-fashioned convention (which, indeed, must have gone out of date long before the modern marvels of economic theory and total war made their appearance), that "the last wishes of the dead should be carried out".

The CUP Runneth Over

McGill, university of the highest fees in Canada has found a use for all that extra cash. They have white tablecloths in their Students' Union cafeteria.

Manitoba is enlarging its outlook on life too, but in a different way. This fall exploded their secular attitude—with the advent of two religious colleges, St. John's Anglican College and St. Paul's Roman Catholic. Both colleges have existed for some time, but have moved to new buildings, on the campus.

Every university in Canada has frosh, and most of them have hazing. At McMaster University frosh have a pyjama parade. When dressed in pyjamas, male and female first-year students are herded down city streets by seniors. The male frosh grunting as they carry the female of their species.

Best of all though are the ingenious tortures devised for the freshmen of St. George Williams College, Montreal. Each frosh has a tin can tied around his neck, used as an ashtray by seniors.

As we sit around waiting for our swimming pool to appear, 350 students at Queen's university, Kingston, went out and canvassed their city for money for a pool they could call their own. They only amassed \$1,255 but they showed willing.

Following the public opinion in all universities over the sacking of Prof. Harry Crow at the United College, Portage Ave. in Winnipeg, whose private mail was read, in which he slammed his college, the Manitobans took up his cause. Their arts and science float in the freshman parade was very nearly banned. The satirical float showed a small United Church, Portage St., a crowd, a theolog, and academic freedom chained.

However, after removing a sign, "United We Stood", the float was allowed to go in the parade. It won.

Bertie's Friends

Bertie's mind was whirling—he needed an aspirin—but fortunately for him he was sitting with friends, with whom he could vent his pent up outrage. He slouched on the Tuck Shop table and a mass of swinging tartan-covered hips danced before his eyes. Identical—each one the same, a common pattern, and the girls wearing them braying with good-naturedness. Hundreds of tartan slacks—why couldn't there be one skirt, or even a baggy set of slacks, why are they, why must they be the same?

"We live in a rotten, degenerate society," said Bertie suddenly.

His friends looked at him oddly because Bertie had been staring at the co-eds milling about the tables, and naturally assumed that his mind was on more commonplace matters.

"What?"

Bertie continued: "Our society is composed of groups of people just like those females. Oh, not with respect to clothes or that, but with respect to all sorts of things, morals, political tastes, religion, everything. In everything we do is the massive stamp of the norm. There is no room for the non-conformist, there is no room for the individual who wants to experiment with life, to try a mode of living that is different. For all but the very strong-willed the weight of social ostracism is too great. Why isn't there room for a person who wants to be just a little different? Is that a crime? Why isn't there room for a person who wants to test the common beliefs?"

"This is indeed a sad thing," said a companion. "Why couldn't you create room for such people? You yourself do so by talking that very point over with people you know."

"Or," ventured another, "creating room en masse with, say, a newspaper column."

"Hmm," mused Bertie, "I wonder . . ."

Controversial Topic Chosen

"Humanities in Technical Education: East and West" will be discussed by Prof. Leonard E. Gads, Professor of Civil Engineering and Secretary of the faculty of engineering, at the meeting of the Humanities association of Canada October 16, at 8:15 pm. in room 345 of the Biological Sciences building.

The controversy of science versus humanities, according to Prof. Gads, is quite familiar to anyone interested in education. As a result of this controversy, the role of the humanities in technical education in the Western world has been under discussion for some time.

The place of humanities in the countries of the Soviet orbit and particularly in Soviet Russia is less well known. Although comparison have recently been made by Western observers as to the role of the humanities in the East and in the West, Prof. Gads stated that it is interesting to investigate such comparisons made by Russian observers. A knowledge of the Russian language and hence accessibility to information not readily available to many, permits Prof. Gads to explore this field and to discuss such comparisons.

Prof. Gads was a student at this university from 1935 to 1939. An instructor here for a short period, Prof. Gads joined the airforce soon after the war broke out. Following the war, he was an interpreter for a year and a half for the Control Commission in Berlin. Prof. Gads returned to this university in 1946 and has been here since.

The Humanities Association has been functioning in this area for the past decade. This year's program includes five speakers, three of whom are from this university.

Although Association membership fees are one dollar, university students are able to attend any of the meetings at no cost.

This year's executive consists of: president, Prof. E. Reinhold; secretary, Prof. E. W. Mandel; treasurer, Prof. N. Rendell; executive members, Mr. D. McDonald and Mrs. F. J. Newson.

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Zoogeography And Evolution

By Rick Miller

Zoogeography, the study of the distribution of animals, is a new science which is radically changing many of the basic concepts of biology. Dr. G. E. Ball of the Entomology department, is a zoogeographer who is studying the distribution of ground beetles.

Just recently, Dr. Ball completed a study of some of the ground beetles of the eastern United States. The results are very interesting. He found that moving down the coast, starting from Massachusetts, the members of a given species of beetle get larger and larger in size, until, upon reaching the Gulf Coast, they are almost twice as heavy as the ones at the beginning. But moving into Florida, the beetles start getting smaller again, until, at the tip of the peninsula, they are no larger than the Massachusetts specimens.

One of the beetles, *Dicaelus dilatatus*, that Dr. Ball studied has an even more interesting distribution. In Massachusetts it is small and one of the plates on its back, the pronotum, is straight. As you move south down the coast, it gets larger, and its pronotum starts to curve a little. So far the pattern has been quite normal. But at the Gulf Coast, the range splits.

One branch goes into Florida and the beetles get smaller as expected. The other branch swings north parallel to the first branch, but on the other side of Appalachians. The beetles in this branch get even larger, and their pronota even more curved than the Gulf Coast beetle. At one point, when the two northerly branches are in New York and Pennsylvania, they are less than 150 miles apart. If an entomologist were given a specimen from each group, he would conclude they were two different species. But Dr. Ball, who knows the actual distribution pattern, is forced to say there is only one.

This type of animal distribution, in which the characteristics vary regularly in such a way that specimens from the extreme ends are often unrecognizable as a single species, is called a cline.

Often the animals at the extremes of a cline cannot inter-breed. But the classical definition of species states that all members are infertile! Something is wrong here and nobody as yet has really decided what to do about it. You cannot divide a cline into two (or more) species because all intergrades between the two extremes are present, the degree of infertility varying directly with the distance separating the animals chosen. Where would you put the dividing line?

Only when the cline has been broken, i.e. when part of the middle section has been destroyed, is a new species formed. Dr. Ball can name at least five species of Floridian beetles which have arisen in this manner. During the ice ages, Florida was alternately an island and a peninsula depending upon how much of the ocean's water was tied up in ice. Each time the water rose, the established clines extending into Florida were broken. Often by the time the water had subsided, the isolated beetles had differentiated enough to become new species.

Last summer Dr. Ball and a Swedish entomologist, Dr. Lindroth, collected beetles in Alaska and the Aleutian Islands. Their collections have not yet been analyzed but they expect to find much the same sort of thing happening as occurred in Florida. At one time the Aleutian Islands were part of the Alaskan Peninsula and were later cut off by rising water. Thus all clines along them were broken up, and new species would tend to develop. Preliminary work support this thesis.

In Br. Ball's beetle clines, we can see evolution at work. Small environmental differences, over the ranges of a species, result, through mutation and natural selection, in slight changes developing. Thus a cline is set up. Then some cataclysmic occurrence splits the cline and a new species results.

Dr. Mardiros At
Venice Congress

Dr. A. Mardiros, head of the department of philosophy, was one of five Canadians sent by the Canada Council last summer to attend the Twelfth International Congress of Philosophy at Venice. The congress, which lasted for a week, included three main themes: logic and communication, freedom and value, and man and nation.

At this congress were 1,700 philosophers, coming from Canada, United States, and all the European countries, including Russia and Eastern Europe.

Continued On Page 6

\$

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Have You A Malady? Visit The Doctors

Are you suffering from a second annual attack of the Asian flu or any such study-disturbing malady? The infirmary, situated on 89th Ave., just west of St. Stephen's College, offers medical services to all U of A students.

Out-patients may call at the infirmary between the hours of 9 am. and 8 pm. everyday except Saturday, Sunday and holidays. Saturday hours will be 9 am. to 2 pm. and by appointment only on Sundays and holidays.

Doctors may be consulted between the hours of 1 pm. and 2 pm. Visiting hours this year will be between 4 pm. and 5 pm., and 6 pm. and 7 pm.

1,649 Freshmen were given medicals during Frosh Week. Those who missed their medicals may report without an appointment to the infirmary at the following times: women: October 25, and men: November 1.

Students who have not reported their tuberculin tests are asked to do so as soon as possible. Free polio vaccine is also available at the infirmary.

A number of missing articles has accumulated in the infirmary; the owners may claim them any time.

An infirmary handbook containing all pertinent information concerning the medical services available to students and the revised infirmary hours is being compiled this year and will be distributed to the Frosh next fall.

Important telephone numbers: infirmary: 31765 and the director of medical services, Dr. F. Elliott: 390021.



"Say Ahhh"
The infirmary awaits all those who are ill, who think they are ill, or who are too lazy to go to classes. If you fit one or all of these categories, visit the medics in their cozy abode on 89th Ave.
Photo By: Mike Mullen

CAMSI Holding Annual Meeting Here This Month

The Canadian Association of Medical Students and Internes will hold their twenty-second annual conference in Edmonton, October 12 to 15. This is the first year that the conference is being held in Alberta, and is in honor of our Jubilee year.

Delegates will arrive on October 12 and will have an informal get-together at the Corona Hotel.

The conference proper will start on Monday in the Jubilee auditorium with an address from Dr. John Scott, dean of the faculty of medicine at Alberta. This will be followed by addresses from various members of the executive. The delegates will then be taken on a tour of the University hospital. This will be followed by lunch at the hospital.

On Monday afternoon, Dr. J. Thompson, secretary of the faculty of medicine at Alberta, will address the delegates on the subject of medical student finances.

A panel discussion on "Mental Health and the University Student" will follow a banquet sponsored by the province of Alberta. Dr. J. Donovan Ross, Minister of Health, will be the guest speaker at the banquet.

Tuesday morning and afternoon will be taken up by various committee reports and discussions. The delegates will attend a Civic reception and banquet at the Macdonald hotel at 7:00 pm. Tuesday night. Mayor Hawrelak will be the guest speaker.

Wednesday morning will be taken up by more discussions and assignment of projects for the coming year. The afternoon will see the election of a new president and executive, and will take care of any other new business.

Dinner Wednesday night will be courtesy of the Canadian Premier Life Insurance at the Cathayan. A dance will follow at the Trocadero, sponsored by the MUS of Alberta.

Alberta members of the CAMSI executive are Dick Smith, president, Pete Crockford, vice-president, Morris Katz, treasurer, and Frank Smith, secretary.



Rara Avis

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... From Page 5

The other part of Dr. Mardiros' trip consisted of visiting art galleries, art exhibitions, and seeing other works of art. He saw the Exhibition of Fifty Years of Modern Art, held in connection with the Brussels World Fair. Some famous Russian paintings which had not been viewed for many years were shown there. In Paris Dr. Mardiros visited the Art Galleries of the Louvre.

Dr. Mardiros examined prehistoric paintings carved on walls of limestone caves 20,000 to 30,000 year ago in the Dordogne region of France. At Ravenna, Italy he saw the Byzantine mosaics and in Spain, the site of an ancient Etruscan city. This had been built 700-600 B.C. in the sea, somewhat like Venice, with an intricate system of canals. Dr. Mardiros had the opportunity of seeing archaeologists excavating a tomb.

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New Column

By Hall

Hallmarks

Tonight kicks off a crusade for Alberta. The crusade is starting from Murray Smith's office at the south end of the gym, but will soon make its way to the swimming pool of Victoria Composite High School.

By now you must have gathered that the campaign involves swimming. If you hadn't, now you know. Murray Smith, one of the new additions to the phys ed staff, has taken over coaching of the team, thereby gaining the post of chief crusader. However, he cannot wrest the trophy from the Saskabushians by himself. There are no less than eleven events for which he needs contestants.

Everyone on campus with any competition experience is urged to come to the gym tonight, and at least leave his name if this plea has caught you without trunks. Try-outs will be held every Friday night from now until the first week in November. At that time, a six week conditioning period will begin. This will take the form of a daily exercise program, either with weights or free calisthenics following the Kiphuth plan.

Kiphuth is the swim coach of the Yale team, who devised a training program especially for swimmers. This plan has been followed with astounding results by the Australians, namely John and Ilse Konrad, the boy and girl wonders of the swimming world.

A word now about the coach, Murray Smith. Since his graduation from this fair institution in '48, he has been very active in all fields of sport. During the last five years he has been on the staff of the city high schools. He has coached the Huskies junior football team for five years. In the swimming field, he has an exceptional record. Of the 18 records listed by the Edmonton high schools swim meet, 14 are held by swimmers who were under his coaching.

Getting back to this crusade business, Murray is particularly anxious to meet swimmers who have worked under any well-known coaches, such as Stan Sewick of Lethbridge, Ken McKenna of Calgary, and any of the city coaches. However this does not mean that he doesn't want to see you if you didn't train under one of these fellows. If you have ability and a little experience, you have a date at the barn tonight at 5:20 pm.

A note to anyone interested in square dancing or folk dancing—a group under the direction of professor Eriksson of the phys ed department meets every Friday at 4:00 pm. in the education gym. This is preceded at 3:30 by a callers group, also under the instruction of Mr. Eriksson.

Upon looking over the paper from the land of the Buffalo I noticed that one of their sports columnists seems to be suffering from a lack of common sense. He says, and I quote: "... they (Manitoba) could waltz to the western intercollegiate title." Admittedly, they could possibly take the title, but I can assure anyone connected with the brown and gold that it will be no waltz.

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Junior Eskies

Bears Close Football Season

The team that was "all dressed up with no place to go" was slated to conclude its fall training Thursday afternoon with an inter-squad game.

The gridiron Golden Bears have been training for three weeks under the expert eyes of coaches Steve Mendryk, Murray Smith and Clare Drake. An account of the game will be carried in the next edition of The Gateway.

A good turnout of bodies encouraged the coaches in their preparation for next year, when the long-awaited-for campus gridiron dream comes true—live combat with other western Canadian universities. Squads from the universities of Alberta, Saskatchewan and British

Columbia will knock heads under the Western Canada Intercollegiate Athletic Union banner in 1959, and the following autumn, the U of M will join the fun.

Between 35 and 40 players have been turning out this final week, a drop of about 15 from the maximum number in camp last week. Until Tuesday, the squad had two heavy equipment scrimmages. Players have been using the intricate Split-T formation with the double fullback system,

a la the other Big Green Machine.

Practices, however, have not attracted very many fans.

When next fall does roll around, the Bears will face a schedule of four league games, two with Saskatchewan and B.C., and perhaps a few exhibition games with U.S. colleges.

Games will be played on the campus west of the University Gym, and bleachers seating about 3,000 fans will be erected.

Cross-Country Needs Runners

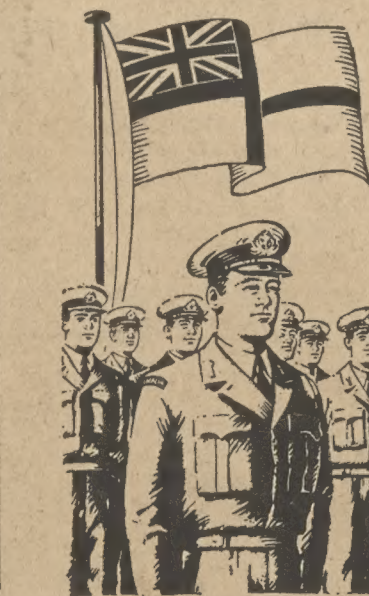
The annual intramural cross country race will be held on Saturday, October 18 at 1:30 pm. Those interested in running should place their entries at the Physical education office before 4:30 pm. Tuesday, October 14.

Mr. H. MacLachlin, director of men's intramurals, said that the turnout is expected to break the record of 290 contestants set in 1956.

Hank Glyde, 1957 winner, is expected to repeat this year, although some stiff opposition is expected from other members of the track club.

It is reported that the course will be the same as last year. The runners will start on the practice field beside the gym and amble down 87 Avenue to 117 Street, south on 117 to University Avenue. After following the residence road on University Avenue to Saskatchewan Drive, the route continues around the drive to 116 Street, turns south on 116, and finishes at the starting point after a brief sprint down 87 Avenue.

Initial Bear Hockey Practice 4:30 Tonight In Varsity Gym



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UNIVERSITY NAVAL TRAINING DIVISIONS

Teams Vie For Honors

Thirty-one teams in three leagues of eight and one of seven, will fight for 'mural touch football honors this year. Since the Golden Bears are finished for the season on Thursday, the practice field behind the gym can be used for a third field with the two education fields.

At a meeting of the captains of the teams with Herb McLachlin on Monday, only one small rule-change was approved. Where the ball was formerly declared dead whenever it touched the ground as a result of a faulty snap from center, it will now be considered live unless it touches the ground due to a fumble, lateral pass or blocked kick. All other rules will continue in effect from last year. Since only one field has goal

posts, there will be no field goals. Converts will be passed or run from the five yard line: Two twenty minute halves will be played by the nine-man teams. Running shoes or stockings must be worn for footwear and unyielding protective equipment is barred. The field consists of four zones equal in size; a team has three downs to advance the ball to the next zone.

Fraternity teams appeared strong again this year when the season opened Tuesday, as defending champ Phi Deltis swamped Athabasca 24-6 and the Dekes led by quarterback Don Glover defeated education 10-6. Phi Deltis have the nucleus of a sharp backfield in McArthur and Hasleton but do not appear as strong as last year due to graduation. None of the four Phi Delt-one Athabasca TD's were converted.

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Student Advisory System Unique

The Student Advisory Services at the University of Alberta is the only one of its kind in Canada. No other collegiate guidance centre offers to its students the help and advice of fully trained psychologists.

The main purpose of the Advisory Services is to help the student find a place in which he can study most efficiently and happily. The counsellors endeavor to assist the student to develop his potential to a maximum; they are as interested in helping a good student to do better as a poor student to do well.

The present service became a full-time project in 1950 as an outgrowth of the counselling program for the veterans. Dr. Cook, who is now the director, was alone with the advisory services until Miss L. Wilson joined the staff in 1951. Since then, Mr. Hough and Mr. Fair, both guidance counsellors, and a secretary and a stenographer have been employed.

All the counsellors are graduate psychologists and two of the staff members lecture in the department of psychology. Each advisor sees approximately 400 students during the year in a personal interview. The office staff is supplemented at rush periods; much of the success of the Advisory services is due to the friendly efficiency of the receptionist.

For work with the student, the advisory service collects information concerning the individual. Each college freshman is given a series of tests to give an indication of his interests and abilities. In addition, a high school transcript from the Department of Education and, in most instances, a report from a high school counsellor aid the university advisors. Also, the student fills out a special form for use by the advisory service at the time of registration, which reveals his approach to his courses, his career plans and any disabilities. To supplement this information, individual aptitude, interest and personality tests may be given.

The primary psychology tests given during Frosh Week also aid the counsellors in their work with university students; as a whole as they indicate where an individual stands in relation to the others in his group. To assist high school students in their choice of a career, the advisory service sponsors Career Nights at many Alberta high schools.

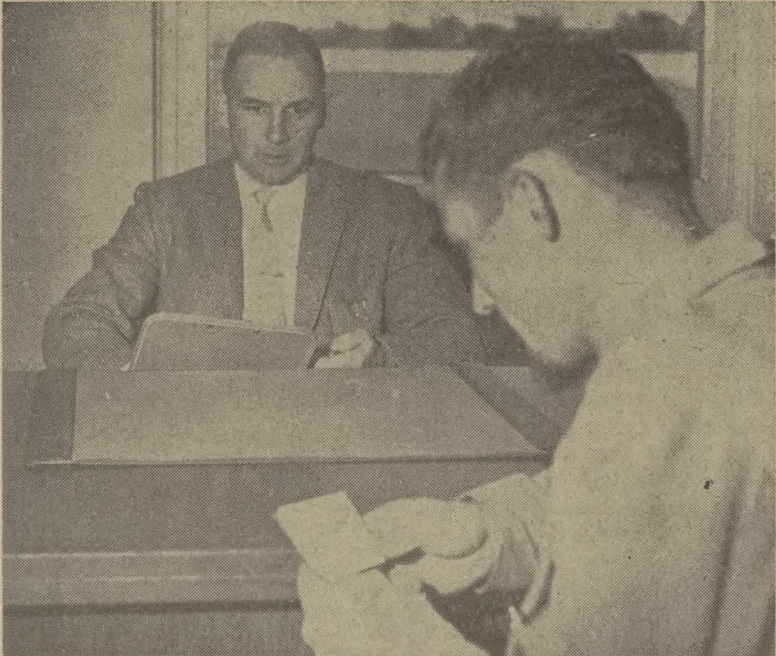
What are the greatest problems for the Alberta student? Selection of courses, personal and financial worries bring most students to the advisory service. Each student can benefit from the advice offered by the counsellors, but the advisory services make no administrative de-

cisions, nor do they handle employment placements. The advisors work hand in hand with the infirmary, the psychiatry service at the University hospital and the faculty members.

Besides their work with the individual and groups of university students, the advisory service conducts study tutorials and investigates study techniques. Mr. Hough at the present time is working with a selected group of students to improve reading techniques.

The Student Advisory service has

moved three times since its inauguration. First established in the quonset huts, which have now vanished from the campus, advisory headquarters were then transferred to the North lab. The staff now enjoys the facilities of their new office in the Administration building. Every student on the U of A campus, high school students in their graduating year and anyone interested in coming to university is welcome to take advantage of the outstanding facilities offered by the Student Advisory services. Appointments may be made with any of the four counsellors.



The student seen above is one of many to receive competent and helpful advice from the Student Advisory Services on our campus. Alberta is the only major Canadian university to offer such service to its students.

Photo By: John Hillerud

Vital Part

Grad School Grows

Post graduate work has been an integral part of the University of Alberta since its inception in 1908. At that time, four of the university's forty-five students were registered for advanced studies. This session, a record registration of approximately 435 is expected. About half of these will be full time students.

Administration of graduate work was first carried out by the Senate Committee on Graduate Studies. In 1938, the Senate raised post-graduate studies to the status of a school, and in 1957, it became a faculty under a dean.

Dr. A. G. McCalla, former dean of

the faculty of agriculture, was named the first dean of graduate studies.

Faculty members are representatives of the various departments of the university. Dr. McCalla stressed that these members represent their individual departments and not the other large faculties.

The faculty administers programs leading to the degrees of master of arts, master of education, master of science, and doctor of philosophy, and makes recommendations for granting the degrees of doctor of science and doctor of letters.

The latter two degrees are granted for research and accomplishment in a certain field of study. Since the faculty was instituted, there have been approximately six D.Sc.'s awarded.

Dr. J. B. Collip, who recently retired as the dean of the faculty of medicine at the University of Western Ontario, was the first person to receive a D.Sc. from Alberta. Other recipients have been Dr. Robert Newton, former president of this university, and Dr. E. H. Strickland who carried on extensive research with the entomology department here. A Doctor of Letters Degree has never been granted.

This year, the faculty will introduce a program leading to the degree of doctor of education (Ed.D.). The 1958-59 session will also see the first use of the new facilities for botany, entomology, geology, and zoology.

As an example of the rapid growth of the faculty the program Dr. McCalla cited the degree leading to the doctor of philosophy. In 1955, nine students registered; in 1956, this figure was doubled. Thirty-six registered in 1957, and approximately 65 are expected to register this year.

New Med Lab Course For Hospital Minded

A degree course in Medical Laboratory Science is being offered this year by the University of Alberta to men or women interested in a career in Hospital Laboratory Technology.

To become a Registered Technologist the student must serve two summer periods in an approved hospital laboratory after which he must pass the examinations of the Canadian Society of Laboratory Technologists. The course may then be discontinued and hospital employment obtained.

On the other hand, the completion of the third year of the course will make the student eligible for the degree of B.Sc. in Medical Laboratory Science.

Some remuneration may be expected by the students for the first

summer of four months, and the second summer of five months of hospital service.

Bursary aid from the provincial government in the form of living allowance plus payment of fees for the period of the course covered will be available to those students in need of such assistance.

In order to convocate after completing the full three year course the student must obtain second-class standing in no fewer than six courses, of which at least four must be taken in the second and third years.

Fees will be \$230 per session for tuition and \$41.25 general fees.

Persons who meet the matriculation requirements must apply for admission to the university in the usual way, and forms must be completed in all respects by August 31.

Bachelors Program In Music Introduced Into Curriculum

A three-year programme of studies leading to the Bachelor of Music degree has been introduced to the curriculum of the University of Alberta this year.

In addition to senior matriculation, students must have completed Grade VIII practical and Grades IV and V theoretical of the Western Board of Music examinations or offer equivalent standing.

This degree program is designed to provide knowledge and skills in specific areas of music as well as providing a general musical education preparatory to students entering the fields of performance, school music, post graduate studies or private music teaching. A special nine-course program for those graduates who wish to teach will be offered by the Faculty of Education.

With five of the courses offered a

student receives his certificate and privileges to teach up to and including Grade XI. With the complete slate of nine courses a student qualifies for the Degree of Bachelor of Education and is entitled to teach any grade up to and including Grade XII.

Courses in the B.Mus. program that are offered cover a large range of subjects. In the first year one takes such courses as ear training and keyboard harmony, counterpoint, form and analysis. The above courses come under the classification of Music 45. Music 35 offers history of music, choral techniques and conducting instrumental class (brass). In the second and third years the student advances his studies in the above and also learns conducting techniques in the woodwind and strings sections.

The student has the option in all three years of continuing studies in the Western Board examinations or studying orchestra and chorus.

NEWS and SPORTS FEATURES BULLETIN BOARD

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- A special feature on return of football to the campus
- A discussion about the University military training system
- Symphony
- Campus bulletin board

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